

EG&G ROCKY FLATS

EG&G ROCKY FLATS INC

ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402-0464 (303) 966 7000

October 15 1993

93 RF 12592

James K Hartman
Assistant Manager
Transition and Environmental Restoration
DOE RFO

COMPREHENSIVE RISK ASSESSMENT IMPACTS (10561) NMH 533 93

The referenced letter asks for an assessment of the scope, schedule, and budget impacts of the Comprehensive Risk Assessment (CRA) on Operable Unit (OU) work packages. The following assessment was made in light of both Department of Energy's (DOE) and Systematic Management Services' positions outlined in the reference.

The CRA should be developed concurrently with the Feasibility Study (FS) as recommended by the CRA forum. This interface would allow the assessment of both OU risks and site wide risks for all remediation alternatives at an OU. The most appropriate remediation alternative could then be chosen based on human health risks.

In order to have a CRA though there must be more than one OU to assess. This is because the cumulative risk from one OU would just be the OU risk itself. Therefore the results of a CRA would only be needed when there are at least two OUs to assess. Also, since the CRA scoping document splits the Rocky Flats Plant into the Walnut Creek drainage and the Woman Creek drainage, it would be appropriate to start separate CRA risk assessments in each drainage. It would also be appropriate for OU 6 Walnut Creek and OU 5 Woman Creek to be included in the first set of CRA results for each drainage since these OUs accept contaminants from all other OUs. Therefore the CRA should be started in each drainage when there are at least two FS Reports started for each drainage and OU 5 and OU 6 are included.

The start of the FS Report preparation for the seven OUs are outlined below. OUs 4 and 7 are Resource Conservation and Recovery Act (RCRA) units and are currently developing Interim Measure/Interim Remedial Action (IM/IRA) Decision Documents. The schedule for the start of a comprehensive FS Report at OUs 4 and 7 is currently being developed and is expected to be after May 1995.

Operable Unit

Start Feasibility Study Report

OU 1	July 1994
OU 2	May 1995
OU 3	May 1995
OU 4	November 1993 (IM/IRA Decision Document)
OU 5	October 1995
OU 6	May 1995
OU 7	March 1994 (IM/IRA Decision Document)

DIST	M	N
N°DE IRL	X	
ENJAMIN A		
ERMAN H S		
RANCH D B		
ARNIVAL G J		
OPP R D		
JAVIS J G		
HREHA, D W		
TANNI B J		
IARMAN L K.		
TEALY T J		
FEDAHL T		
HILBIG J G		
KIRBY W.A.		
QUESTER A.W		
P E M		
VANN H P	X	
VARX G.E.		
V DONALD M M		
McKENNA, F G		
VONTROSE J.K.		
WORGAN R V		
WOTTER G.L		
PIZZUTO V M		
RILEY J H		
SANDLIN N B		
SHEPLER, R L		
ST WART D L		
SULLIVAN M*		
SWANSON E.R.		
WILKINSON R B	X	
WILLIAMS S (OHC)		
WILSON J M		
ZANE J O		
SCONGARA, T C	X	
Smith, B m	X	
Roberts, R S	X	
Hutchins, Alvin	X	
Bushy, ID	X	
CORP. S CONTROL	X	X
ADMIN RECORD	X	
RAF IC		

CLASSIFICATION-

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SECRET		

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IN RPLY TO RFP CC NO:

1212-RF93

ACTION ITEM STATUS

☐ OPEN ☒ CLOSED

☐ ATIAL

L R APPROVALS

ORIG & TYPIST INITIALS

ADMIN RECORD

A-OU05-0000476

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In the Walnut Creek drainage OU 2 and OU 6 will be the first OUs to start the FS Report Since all the criteria for starting the CRA are present the CRA should proceed with a formal quantitative analysis in May 1995

In the Woman Creek drainage OU 1 and OU 2 will be the first OUs to start the FS Report Since OU 5 must also be included for the Woman Creek drainage the CRA should proceed with a formal quantitative analysis in October 1995

Given that the CRA results are not needed for approximately two years there is no immediate cost or schedule impact due to the CRA. There will be DOE cost impacts in Fiscal Year 1995 (FY '95) though due to ramping up of the CRA to meet FS Report requirements DOE costs will be incurred in FY '95 since the CRA is being developed by an outside contractor EG&G Rocky Flats Inc. will add \$50K to its FS Report preparation costs in the OU work packages to incorporate the CRA findings into the report If the CRA findings affect remediation alternative selection there will be supplemental budget and schedule requested for FS Report rework

If you have any questions please contact me or D M Smith of Environmental Science and Engineering at extension 8636



N M Hutchins
Acting Associate General Manager
Environmental Restoration Management
EG&G Rocky Flats Inc

RSR mp

Ong and 1 cc J K Hartman

cc

A H Pauole DOE RFO
R J Schassburger
B K Thatcher